

hf happenings 744

South African Radio League * Suid-Afrikaanse Radioliga
Member Society of the International Amateur Radio Union since 1925



Volume 15, Issue 08, the week of 6 March 2017



Final results of the South African Radio League National Field Day

The results of the National Field Day as published in HF Happenings 743 is now accepted as the final results.

The log of Peter, ZS1PHD, did arrive before the deadline, but it ended up in the wrong sub-directory and was not included in the initial results. Then my apologies to Gerrit, ZS6DV, for getting his surname incorrect. It is de Vente and not van Vente.

IOTA Honour Roll

The 2017 Honour Roll and Annual Listings have been posted on the IOTA website (<http://www.rsgbiota.org/info/>). Together the two main listings show growth of 8.4% over the same listings in 2016. 207 record-holders have scores of 1 000 or more IOTA groups, an increase of 11.3% and 552 have scores of at least 750 groups, the number required for the IOTA Plaque, up by 6.4%. Scores at the top continue to close with 35 record-holders breaking through the 1 100 mark. Congratulations to joint leaders 9A2AA, I2YDX and I8ACB on 1 118 groups out of a possible 1 123 and indeed to all who have joined the IOTA family or updated in the last year.

A station notebook

Consider starting a station notebook, paper or computer-based, if you have not done so already. Your notebook is the place to record information such as your station configuration, equipment settings, SWR readings, logging program settings, general observations -- anything related to your station. When you find a problem or solve a station problem, put it in the notebook. Specific things to remember from the last contest? Put it in the notebook. By consistently collecting and recording this information, you are creating a reference that can help you to save time when troubleshooting or getting set up for that

(Continued on page 2)

You can now download your copy of HF Happenings from
[www.sarl.org.za/
hf_happenings.asp](http://www.sarl.org.za/hf_happenings.asp)

March

- 3 - World Day of Prayer for Women
- 4 - World day of Prayer for Men
- CTARC Bumper Flea market**
- 5 - **SARL Hamnet 40 m Contest**
- 8 to 14 - Scifest Africa, Grahamstown
- 11 and 12 - **SARL VHF/UHF Contest; RSGB Commonwealth Contest**
- 12 - Purim; Cape Town Cycle Tour
- 16 to 20 - Wild Trout Festival, Rhodes
- 17 - St Patrick's Day
- 17 to 19 - Lambert's Bay Kreeffees
- 20 - Autumn Equinox; School holiday
- 21 - Human Right's Day
- 25 and 26 - **CQ WPX SSB Contest**
- 27 - **Closing date Radio ZS April**
- 31 March to 9 April - Stars of Sandstone, Ficksburg
- 31 - All schools close

April

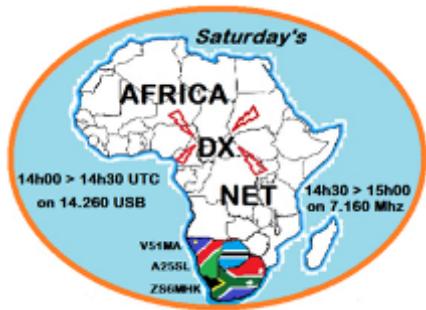
- to 9 April - Stars of Sandstone, Ficksburg
- 1 - **RaDAR Challenge; April Fools**

(Continued from page 1)

once a year contest.

Always log what the other station is sending

One of the cardinal rules of contesting is to always log what the other station is sending. However, occasionally the other station is not sending the correct information. In the recent ARRL International DX Contest, CW, a DX station was sending an incorrect exchange for nearly 80 contacts before switching to a valid exchange for the remainder of the contest. The DX station's submitted log showed the correct exchange as the sent exchange for all of the contacts. How is this situation scored? According to Ken, K1EA, ARRL DX Contest Log Checker, "A quick look at the DX station's reverse log (a listing of every QSO claiming to work the DX Station) shows when this happened. Most stations logged what was sent. A few made up a number. The DX station's log is marked as a log with bad sent exchange info. No one will receive a busted exchange with that DX station." (via CQ-Contest)



The WRTC 2018

Any WRTC event requires a large amount of preparation and planning and the WRTC 2018 crew has been especially candid with the details through their website and press releases. With fewer than 500 days before the competition in Germany, qualification events are over but the work continues. Near term milestones include processing team applications, testing site locations, and continued fundraising. <http://www.wrtc2018.de/index.php/en/presse-2/pressemittelungen-2/202-500-days>

Word to the Wise

Stacking: The combination of two or more antennas arranged at different vertical heights to achieve goals such as more gain, multiple simultaneous beam headings, or additional elevation angles. A stack match is a switching device that can electrically add or remove antennas from a stack on operator command to change the effective take-off angle or pattern. <http://www.arrl.org/files/file/protected/Group/Members/Technology/tis/info/pdf/stack.pdf>

The World Wide Radio Operator Foundation

The World Wide Radio Operator Foundation <http://wwrof.org/> webinar by JC, N4IS, entitled "Waller Flag Construction" has been posted to the WWROF website <http://wwrof.org/webinar-archive/n4is-waller-flag-construction/>. The webinar link includes discussion as well as a slide presentation.

Operating Tip

Being on the Spots - for CW or RTTY contests, when you're operating in a category that allows the use of spots, make sure you're getting both human and RBN (Reverse Beacon Network) aka skimmer spot data <http://www.reversebeacon.net/pages/Using+the+RBN+16>. You can find DX clusters that provide RBN data through this website <http://www.dxcluster.info/>. Make sure you know how to turn on RBN spots for your DX cluster type, and be aware that during major contests, your computer can slow down as it processes tens or hundreds of spots per second. There are DX cluster client programs that you can use between your logging program and the upstream DX cluster to more efficiently filter for useful spots. Since the features and functionality of the RBN and related DX clusters change over time, it is worthwhile to keep your knowledge fresh by revisiting RBN and DX Cluster related websites.

The history of Eimac

Remember the "series of tubes" we used to use to get our signals on the air? Eimac made many of the higher-power varieties. Martin, AA6E, briefly reviewed the history of Eimac on his blog and provided links to classic Eimac documents such as "The Care and Feeding of Grid Power Tubes." Spoiler: Eimac is now a division of CPI, Inc. <http://blog.aa6e.net/2017/02/whatever-became-of-eimac.html>

Types of coaxial cables

Amphenol RF publishes a table of different types of coaxial cables, which includes

Day
6 - van Riebeeck Day; SARL 80 m
QSO Party
8 - Autumn QRP Sprint
8 to 15 Klein-Karoo Nasionale
Kunstfees
11 to 17 - Pesach
13 - Holy Thursday
14 - Good Friday
15 - RAE Registration closes ; Two Oceans Marathon
16 - Easter Sunday
17 - Family Day
18 - World Amateur Radio Day ; All Schools open
21 to 29 joBerg2C
23 - ZS4 Sprint
24 - Isra and Mi'raj; Closing date for articles for the May Radio ZS
24 to 30 AfrikaBurn, Tankwa Karoo
27 - Freedom Day
27 to 30 Karoo Food festival, Cradock
28 - School Holiday
28 and 29 Prince Albert Town and Olive Festival

The Raspberry Pi Zero W

The Raspberry Pi Zero W was released last week, featuring Raspberry Pi functionality in miniaturized form with WLAN and Bluetooth capability. At a retail price of approximately \$10, it could provide an excellent building block to equip your Amateur project with an embedded web browser, or network capability. <https://www.raspberrypi.org/blog/raspberry-pi-zero-w-joins-family/>. Check out RemoteQTH.com's server image for additional ideas <https://www.remoteqth.com/wiki/index.php?page=RemoteQTH-server>.

3D print with metal

Five years ago, a 19-year-old student Scott Vader was working on a metal prototype of a gas turbine and could not find a suitable way to 3D print with metal - so with his father's assistance, he invented a way to do it. Scott's method differed from the ex-

(Continued from page 2)

characteristic impedances and physical diameters. Quantities of high-performance but lesser-known coaxial cable can sometimes be found at ham fests or on eBay and could be useful for applications like impedance transformers, chokes or internal wiring <http://www.amphenolrf.com/coaxial-cable-guide/>.

African DX

African Tour. Peter, HA3AUI, has been active as 6W2SC from Senegal since 17 February and as J5UAP from Guinea-Bissau since 25 February. During the first half of March, he will remain based in Senegal "with some daily trips to J5." During the second half of the month, he will be based in Guinea-Bissau. QSL via HA3AUI (direct) and LoTW, log search on Club Log and <http://cqafrika.net>.

Togo, 5V. Franco, I1FQH, will once again be active as 5V7V from Kpalime Village in central Togo between 3 and 14 March. Activity will be on 160 to 6 metres using a 20 to 10 metres Spiderbeam and on 160 and 80 m and on 40 and 30 m using a homebrew vertical. There was mention that he will have an emphasis on the lower bands (160 to 30 m). His rig will be a K3 w/KL500 solid-state amplifier and a Yaesu FT-817 for 6 metes. QSL via EA5GL direct with a SASE.

Algeria, 7U1. Rodrigo "Rod", EA7JX, will be active as 7U1X from Algeria between 18 and 25 September. Activity will be on 160 to 6 metres using CW, SSB and RTTY. He will also be active in the CQ WW DX RTTY Contest (23 and 24 September) as a Single-Op/ All-Band entry. QSL via his home call sign or ClubLog's OQRS.

Ghana, 9G (Reminder). Members of "Six G Team" will be active as 9G5X from Sweet Mother Eco Resort, Aburi, about 30 km north of Accra, in the Akwapim Mountain area (around 400 m ASL), Ghana, between 7 and 21 March. Activity will be on 160 to 10 metres using CW, SSB and RTTY. Operators mentioned are Bob, 5B4AGN, Alan, G3XAQ, Steve, G3VMW, Fred, G4BWP, Neil, G6MC, and Iain, M0PCB. QSL via M0OXO, ClubLog's OQRS or LoTW. Visit their new Web page at <http://www.ossett.net/9G5X/index.html>

African Islands

IOTA frequencies

CW: 28 040 24 920 21 040 18 098 14 040 10 114 7 030 3 530 kHz

SSB: 28 560 28 460 24 950 21 260 18 128 14 260 7 055 3 760 kHz



Angola, D2 (new IOTA). DX-World.net is reporting [edited], an 8-man team is in full planning stage for a first time activation of Tigres Island (AF-108), Angola. This activity will take place in the first half of June 2017. Website and full details to follow in April.

Cape Verde, D4. Tony, CT1FFY, will be active as D4T from Sal Island (AF-086) between 18 and 25 April. Activity will be on various HF bands as well as 6/4 metres using CW, SSB and the Digital modes. QSL via his home call sign or LoTW.

Seychelles, S7. A Czech and Solvak team of operators will be active as S79Z from Mahe Island (AF-024) between 6 and 18 April. Operators mentioned are Petr, OK1FFU, Karel, OK1JKT, Vladimir, OK1NY, Jiri, OK1RI, Vaclav, OK1VVT and Jozef, OM5AW. Activity will be on 160 - 10 metres using CW and SSB. There will also be some 2 m and 70 cm EME. QSL via OM2FY or LoTW (later).

Please Note that S79Z is a reissued call sign. It was used by Yasu, JA9LSZ, between 12 and 20 April 2001. http://www5.big.or.jp/~ja1rju/qsl_s79z.html QSL via JA9LSZ.

isting methods of depositing and fusing metal powders by using a pulsed magnetic field to propel drops of hot liquid metal through a nozzle. Today, Scott is the CTO of Vader Systems, a company formed to commercialize his invention.

<https://www.designnews.com/3d-printing/teen-invents-liquid-metal-3d-printer-potential-transform-manufacturing/182690909856400>

M3 X-ray flare

Check out this spectacular YouTube video of an M3 X-ray flare emanating from the sun's surface on 24 February 24, 2017. <https://www.youtube.com/watch?v=Bscbo2dyz4U>

SARL VHF/UHF Analogue/Digital Contest

10:00 UTC 11 March to 10:00 UTC 12 March

Geographic Focus: Southern Africa

Participation: Southern Africa

Awards: Southern Africa

Mode: Analogue (CW/SSB/FM), Digital

Bands: 50 MHz, 70 MHz, 144 MHz, 432 MHz, 1 296 MHz

Classes: Base - unlimited, analogue or digital; Field - unlimited, analogue or digital; Club/Multi-Op - unlimited, analogue or digital; 4-Hour Limited - unlimited, analogue or digital

Exchange: RS and 6-character grid locator

Work stations: Once per band

Score Calculation: (see rules)

Submit logs by: 3 April 2017

E-mail logs to: contest@sarl.org.za

Mail logs to: (none)

Find rules at: <http://www.sarl.org.za/Web3/Members/DoDocDownload.aspx?X=20161222085537waqSliCvbT.PDF>

Contest Calendar

This week's contests as compiled by Bruce Horn, WA7BNM. The period covered is 6 to 13 March 2017

RSGB 80 m Club Championship, Data

20:00 - 21:30 UTC 6 March

Geographic Focus: United Kingdom

Participation: Worldwide

Awards: United Kingdom

Mode: RTTY, PSK

Bands: 80 m Only

Classes: (none)

Exchange: RST and serial no

QSO Points: 1 point per QSO

Multipliers: (none)

Score Calculation: (see rules)

Submit logs by: 23:59 UTC 7 March 2017

Upload log at: <http://www.rsgbcc.org/cgi-bin/hfenter.pl>

Mail logs to: (none)

Find rules at: <http://www.rsgbcc.org/hf/rules/2017/r80mcc.shtml>

ARS Spartan Sprint

02:00 - 04:00 UTC 7 March

Geographic Focus: North America

Participation: Worldwide

Mode: CW

Bands: 80, 40, 20, 15, 10 m

Classes: Skinny; Tubby

Max power: 5 watts

Exchange: RST, state, province or country and power

Work stations: Once per band

Submit logs by: 9 March 2017

E-mail logs to: spartansprint@yahoo.com

Mail logs to: (none)

Find rules at: <http://arsgrp.blogspot.com/2009/02/so-what-is-spartan-sprint-and-how-do-i.html>

AGCW YL-CW Party

19:00 - 21:00 UTC 7 March

Geographic Focus: Europe

Participation: Worldwide

Mode: CW

Bands: 80 m Only

Classes: YL; OM; SWL

Exchange: YL: RST, serial no, YL and name; OM: RST, serial no, / and name

QSO Points: 1 point per YL-OM QSO; 2 points per YL-YL QSO; 0 points per OM-OM QSO

Extra Points: 1 point per country worked

Multipliers: (none)

Score Calculation: Total score = total QSO points and extra points

Submit logs by: 31 March 2017

E-mail logs to: dl6kcr@web.de

Mail logs to: Dr. Roswitha Otto, DL6KCR, St. Nikolaus Str. 26, D-52396 Heimbach, Germany

Find rules at: <http://www.agcw.org/index.php/en/contests-and-cw-activities/yl-cw-party>

QRP Fox Hunt

02:00 - 03:30 UTC 8 March

Geographic Focus: United States

Participation: Worldwide

Mode: CW

Bands: 40 m Only

Classes: Single Op - fox or hound

Max power: 5 watts

Exchange: RST, state, province or country, name and power output

QSO Points: 1 point per QSO

Multipliers: (none)

Score Calculation: Total score = total QSO points

Submit logs by: 03:30 UTC 9 March 2017

E-mail logs to: (see rules)

Mail logs to: (none)

Find rules at: http://www.qrpfoxyhunt.org/winter_rules.htm

Phone Fray

02:30 - 03:00 UTC 8 March

Geographic Focus: North America

Participation: Worldwide

Mode: SSB

Bands: 160, 80, 40, 20, 15 m

Classes: Single Op

Max power: 100 watts

Exchange: NA: Name and state, province or country; non-NA: Name

Work stations: Once per band

QSO Points: NA station: 1 point per QSO; non-NA station: 1 point per QSO with an NA station

Multipliers: Each US state (including KH6/KL7) once per band; Each VE province/territory once per band; Each North American country (except W/VE) once per band

Score Calculation: Total score = total QSO points x total mults

Submit logs by: 03:00 UTC 10 March 2017

E-mail logs to: (none)

Post log summary at: <http://www.3830scores.com>

Mail logs to: (none)

Find rules at: http://www.perluma.com/Phone_Fray_Contest_Rules.pdf

CWops Mini-CWT Test

13:00 - 14:00 UTC and 19:00 - 20:00 UTC 8 March and 03:00 - 04:00 UTC 9 March

Geographic Focus: Worldwide

Participation: Worldwide

Awards: Worldwide

Mode: CW

Bands: 160, 80, 40, 20, 15, 10 m

Classes: Single Op - QRP, low or high

Max power: HP: >100 watts; LP: 100 watts; QRP: 5 watts

Exchange: Member: Name and member no; non-Member: Name and state, province or country

Work stations: Once per band

QSO Points: 1 point per QSO

Multipliers: Each call once

Score Calculation: Total score = total QSO points x total mults

Submit logs by: 04:00 UTC 11 March 2017

Post log summary at: <http://www.3830scores.com>

Mail logs to: (none)

Find rules at: <http://www.cwops.org/cwt.html>

(Continued on page 5)

(Continued from page 4)

AWA John Rollins Memorial DX Contest
23:00 UTC 8 March to 23:00 UTC 9 March and 23:00 UTC 11 March to 23:00 UTC 12 March
Geographic Focus: United States
Participation: Worldwide
Mode: CW
Bands: 40, 20 m
Classes: (none)
Exchange: RST and Equipment Type and Equipment Year
Work stations: Once per band
QSO Points: (see rules)
Multipliers: (see rules)
Score Calculation: Total score = total QSO points
Submit logs by: 9 April 2017
E-mail logs to: w1zb@arrl.net
Mail logs to: Jerry Reine, W1ZB, 5 Tobey Lane, Andover, MA 01810, USA
Find rules at: <http://www.antiquewireless.org/awa-john-rollins-memorial-dx-contest.html>

NCCC RTTY Sprint
01:45 UTC-02:15 UTC 10 March
Geographic Focus: North America
Participation: Worldwide
Mode: RTTY
Bands: (see rules)
Classes: (none)
Exchange: Serial no, name and QTH
Score Calculation: Total score = total QSO points x total mults
Submit logs by: March 12, 2017
E-mail logs to: (none)
Post log summary at: <http://www.3830scores.com/>
Mail logs to: (none)
Find rules at: <http://www.ncccsprint.com/rttyns.html>

QRP Fox Hunt
02:00 - 03:30 UTC 10 March
Geographic Focus: United States
Participation: Worldwide
Mode: CW
Bands: 80 m Only
Classes: Single Op - fox or hound
Max power: 5 watts
Exchange: RST and state, province or country and name and power output
QSO Points: 1 point per QSO
Multipliers: (none)
Score Calculation: Total score = total QSO points
Submit logs by: 03:30 UTC March 11, 2017
E-mail logs to: (see rules)
Mail logs to: (none)
Find rules at: http://www.grpfoxyhunt.org/winter_rules.htm

NCCC Sprint
02:30 - 03:00 UTC 10 March
Geographic Focus: North America
Participation: Worldwide
Mode: CW
Bands: (see rules)
Classes: (none)

Exchange: Serial no, name and QTH
Score Calculation: Total score = total QSO points x total mults
Submit logs by: 12 March 2017
E-mail logs to: (none)
Post log summary at: <http://www.3830scores.com/>
Mail logs to: (none)
Find rules at: <http://www.ncccsprint.com/rules.html>

RSGB Commonwealth Contest
10:00 UTC 11 March to 10:00 UTC 12 March
Geographic Focus: United Kingdom and Commonwealth
Participation: United Kingdom and Commonwealth
Awards: United Kingdom and Commonwealth
Mode: CW
Bands: 80, 40, 20, 15, 10 m
Classes: Single Op Open - 12 or 24 - assisted or unassisted; Single Op Restricted - 12 or 24 - assisted or unassisted; Single Op QRP - assisted or unassisted; Multi-Op
Max power: Open: >100 watts; Restricted: 100 watts; QRP: 5 watts
Exchange: RST and serial no
QSO Points: 5 points per QSO; 20 additional points for each of first three QSOs with a Commonwealth Area or HQ station per band
Multipliers: (none)
Score Calculation: Total score = total QSO points
Submit logs by: 19 March 2017
Upload log at: <http://www.rsgbcc.org/cgi-bin/hfenter.pl>
Mail logs to: (none)
Find rules at: <http://www.rsgbcc.org/hf/rules/2017/rberu.shtml>

SKCC Weekend Sprintathon
12:00 UTC 11 March to 24:00 UTC 12 March
Geographic Focus: Worldwide
Participation: Worldwide
Awards: Worldwide
Mode: CW
Bands: 160, 80, 40, 20, 15, 10, 6 m
Classes: (none)
Max operating hours: 24
Exchange: RST, state, province or country, name and SKCC no or "NONE"
Work stations: Once per band
QSO Points: 1 point per QSO
Bonus Points: (see rules)
Multipliers: Each state, province or country once
Score Calculation: Total score = (total QSO points x total mults) and bonus points
Submit logs by: 19 March 2017
Post log summary at: http://www.skccgroup.com/operating_activities/weekend_sprintathon/submit-display.php
Mail logs to: (none)
Find rules at: http://www.skccgroup.com/operating_activities/weekend_sprintathon/

F9AA SSB Cup
12:00 UTC 11 March to 12:00 UTC 12 March
Mode: SSB
Bands: 80, 40, 20, 15, 10, 2m

(Continued on page 6)

(Continued from page 5)

Classes: >100 W; >10 - 100 W; 10 W

Exchange: RST and serial no

Work stations: Once per band

QSO Points: 1 point per QSO with individual; 5 points per

QSO with club; Bonus: 50 points for each QSO with F8URC

Multipliers: (see rules)

Score Calculation: Total score = (total QSO points x total
mults) and bonus points

Submit logs by: 11 April 2017

E-mail logs to: concoursf9aa@urc.asso.fr

Mail logs to: (none)

Find rules at: <http://www.site.urc.asso.fr/index.php/urchaut-6/om-6/219-f9aa-2016>

South America 10 Meter Contest

12:00 UTC 11 March to 12:00 UTC 12 March

Geographic Focus: Worldwide

Participation: Worldwide

Awards: Worldwide

Mode: CW, SSB

Bands: 10 m Only

Classes: Single Op - QRP, low or high - CW, SSB or mixed;

Multi-Single

Max power: HP: 1 500 watts; LP: 150 watts; QRP: 5 watts

Exchange: RS(T) and CQ zone

QSO Points: 4 points per QSO SA station; 2 points per QSO
with non-SA station in other country; 2 points per QSO with /
MM or /AM; 0 points per QSO with non-SA station in same
country

Multipliers: SA: each non-SA prefix; non-SA: each SA prefix;
Each CQ zone

Score Calculation: Total score = total QSO points x total mults

Submit logs by: 27 March 2017

E-mail logs to: logs@sa10m.com.ar

Mail logs to: (none)

Find rules at: http://sa10m.com.ar/cqsa10m_rules.html

AGCW QRP Contest

14:00 - 20:00 UTC 11 March

Geographic Focus: Europe

Participation: Worldwide

Mode: CW

Bands: 80, 40, 20, 15, 10 m

Classes: Single Op Only

Max power: VLP: 1 watt or less; QRP: 5 watts or less; MP: 25
watts or less; QRO: >25 watts

Exchange: RST, QSO no, class (power) and AGCW member no
or NM if not member

QSO Points: 0 points/QSO for QRO – QRO; 3 points/QSO for
QRP - VLP, VLP - QRP, VLP - VLP, QRP – QRP; 2 points/QSO for
all others

Multipliers: 1 per AGCW member per band

Score Calculation: Total score = total QSO points x total mults

Submit logs by: 31 March 2017

E-mail logs to: grptest@agcw.de

Mail logs to: (none)

Find rules at: <http://www.agcw.org/index.php/en/contests-and-cw-activities/qrp-contest>

Stew Perry Topband Challenge

15:00 UTC 11 March to 15:00 UTC 12 March

Geographic Focus: Worldwide

Participation: Worldwide

Awards: Worldwide

Mode: CW

Bands: 160 m Only

Classes: Single Op; Multi-Op

Max operating hours: 14 hours

Max power: HP: >100 watts; LP: 5-100 watts; QRP: <5 watts

Exchange: 4-Character grid square

QSO Points: 1 point per QSO plus 1 point per 500 km; multiply QSO points by 2 if low power station; multiply QSO points by 4 if QRP station

Multipliers: Low power: x 1,5; QRP: x 3

Score Calculation: Total score = total QSO points x power
multiplier

Submit logs by: 27 March 2017

E-mail logs to: tbdc@kkn.net

Mail logs to: BARC, 15125 SE Bartell Rd, Boring, OR 97009,
USA

Find rules at: <http://www.kkn.net/stew/>

Oklahoma QSO Party

15:00 UTC 11 March to 02:00 UTC 12 March and 14:00 -
20:00 UTC 12 March

Geographic Focus: United States/Canada state/province QSO
party

Participation: Worldwide

Mode: CW, Phone, Digital

Bands: 80, 40, 20, 15, 10, 6 m

Classes: Single Op - QRP, low or high; Multi-Single; Multi-
Multi; Mobile Single Op; Mobile Assisted; Mobile Unlimited

Max power: HP: >100 watts; LP: 100 watts; QRP: 5 watts

Exchange: OK: RS(T) and County; non-OK: RS(T) and state,
province or country

Work stations: Once per band per mode

QSO Points: 2 points per phone QSO; 3 points per Digital/CW
QSO

Bonus points: (see rules)

Multipliers: OK: Each state, province, OK county, DXCC coun-
try; non-OK: OK counties once

Score Calculation: Total score = (total QSO points x total
mults) and bonus points

Submit logs by: 13 April 2017

E-mail logs to: okqplogs@suddenlink.net

Mail logs to: Oklahoma QSO Party, Connie Marshall, K5CM,
2991 S. Woodland Rd., Muskogee, OK 74403, USA

Find rules at: <http://k5cm.com/okqp2017rules.pdf>

EA PSK63 Contest

16:00 UTC 11 March to 16:00 UTC 12 March

Geographic Focus: Worldwide

Participation: Worldwide

Awards: Worldwide

Mode: PSK63

Bands: 80, 40, 20, 15, 10 m

Classes: Single Op All Band; Single Op Single Band; Multi-Op

Exchange: EA: RSQ and province code; non-EA: RSQ and seri-
al no

Work stations: Once per band

QSO Points: (see rules)

Multipliers: Once each band (see rules)

Score Calculation: Total score = total QSO points x total mults

Submit logs by: 27 March 2017

(Continued on page 7)

(Continued from page 6)

E-mail logs to: (none)

Upload log at: <http://concursos.ure.es/en/logs/>

Mail logs to: (none)

Find rules at: <http://concursos.ure.es/en/eapsk63/bases/>

QCWA QSO Party

18:00 UTC 11 March to 18:00 UTC 12 March

Geographic Focus: Worldwide

Participation: Worldwide

Awards: Worldwide

Mode: CW/Digital, Phone

Bands: 160, 80, 40, 20, 15, 10, 6 m

Classes: CW/Digital Only; Phone Only; Mixed

Exchange: last 2 digits of year first licensed and name and state, province, country or QCWA chapter

Work stations: Once per band per mode

QSO Points: 1 point per phone QSO; 2 points per CW/digital

QSO; 100 bonus points for each QSO with W2MM on each band and mode

Multipliers: (see rules)

Score Calculation: Total score = (total QSO points x total mult points) and bonus points

Submit logs by: 11 April 2017

E-mail logs to: w2od@aol.com

Mail logs to: W2OD, Robert Buus, 8 Donner Street, Holmdel N.J. 07733-2004, USA

Find rules at: <http://www.qcwa.org/2017-qso-party-rules.pdf>

TESLA Memorial HF CW Contest

18:00 UTC 11 March to 05:59 UTC 12 March

Geographic Focus: Worldwide

Participation: Worldwide

Awards: Worldwide

Mode: CW

Bands: 80 m Only

Classes: Single Op - QRP, low or high; Multi-One

Max power: HP: 1 500 watts; LP: 100 watts; QRP: 5 watts

Exchange: RST, serial no and 4-character grid square

QSO Points: 1 point per km per QSO; 90 points per QSO with same grid square

Multipliers: (none)

Score Calculation: Total score = total QSO points

Submit logs by: 23:59 UTC 17 March 2017

E-mail logs to: tesla@radiosport.org.rs

Upload log at: <http://www.radiosport.org.rs/>

[HFTeslaMemorial/index.php/log-submitting-service/13](http://www.radiosport.org.rs/HFTeslaMemorial/index.php/log-submitting-service/13)

Mail logs to: (none)

Find rules at: <http://www.radiosport.org.rs/HFTeslaMemorial/index.php/rules>

Idaho QSO Party

19:00 UTC 11 March to 19:00 UTC 12 March

Geographic Focus: United States/Canada state/province QSO party

Participation: Worldwide

Awards: Worldwide

Mode: CW, Phone, Digital

Bands: 160, 80, 40, 20, 15, 10 m

Classes: Single Op - CW, phone, digital or mixed - QRP, low or high; Multi-Single - CW, phone, digital or mixed - QRP, low or high; Multi-Multi - CW, phone, digital or mixed - QRP, low or high; Mobile/Rover - CW, phone, digital or mixed - QRP, low

or high; School - CW, phone, digital or mixed - QRP, low or high

Max power: HP: >150 watts; LP: 150 watts; QRP: 5 watts

Exchange: ID: RS(T) and County; non-ID: RS(T) and state, province or country

Work stations: Once per mode per band

QSO Points: 1 point per SSB QSO; 2 points per CW/digital QSO

Multipliers: ID: Each state, province and country once per mode; non-ID: Each ID county once per mode

Score Calculation: Total score = total QSO points x total mults

Submit logs by: 11 April 2017

E-mail logs to: idqplogs@msn.com

Mail logs to: KARS - IDQP Logs, PO Box 1765, Hayden, ID 83835-1765, USA

Find rules at: <http://idahoarrl.info/qsothropy/rules.htm>

QRP ARCI Spring Thaw SSB Sprint

20:00 - 23:59 UTC 11 March

Geographic Focus: Worldwide

Participation: Worldwide

Awards: Worldwide

Mode: SSB

Bands: 160, 80, 40, 20, 15, 10 m

Classes: All Band; Single Band; High Bands; Low Bands

Exchange: RS, state, province or country and ARCI number or power

Work stations: Once per band

QSO Points: 5 points per QSO with ARCI member; 4 points per non-member QSO with different continent; 2 points per non-member QSO with same continent; Bonus points: 5 000 for battery power portable with temporary antenna

Multipliers: Each state, province, country once per band

Power Mult: >10 W = 1 x, 1 - 10 W = 7 x, 250 mW - 1 W = 10 x, 55 - 250 mW = 15 x, <55 mW = 20 x

Score Calculation: Total score = (total QSO points x (state mults and province mults and country mults) x power mult) and Bonus points

Submit logs by: 25 March 2017

E-mail logs to: (none)

Upload log at: <http://www.grpcontest.com>

Mail logs to: (none)

Find rules at: <http://www.qrparci.org/contests/>

North American Sprint, RTTY

00:00 - 04:00 UTC 12 March

Geographic Focus: North America

Participation: Worldwide

Awards: North America

Mode: RTTY

Bands: 80, 40, 20 m

Classes: Single Op - QRP, low or high

Max operating hours: 4 hours

Max power: HP: 1 500 watts; LP: 100 watts; QRP: 5 watts

Exchange: other station's call, your call, serial no, your name and your state, DC, province or country

Work stations: Once per band

QSO Points: NA station: 1 point per QSO; non-NA station: 1 point per QSO with an NA station

Multipliers: Each US state/DC (including KH6/KL7) once; Each VE province/territory once; Each North American country (except W/VE) once

(Continued on page 8)

(Continued from page 7)

Score Calculation: Total score = total QSO points x total mults
Submit logs by: 04:00 UTC 19 March 2017
E-mail logs to: (see rules, web upload preferred)
Upload log at: <http://www.ncjweb.com/sprintlogsubmit/>
Mail logs to: Ed Muns, WOYK, P.O. Box 1877, Los Gatos, CA 95031-1877, USA
Find rules at: <http://ncjweb.com/Sprint-Rules.pdf>
Wisconsin QSO Party
18:00 UTC 12 March to 0100Z 13 March
Geographic Focus: United States/Canada state/province QSO party
Participation: Worldwide
Awards: Worldwide
Mode: CW/Digital, Phone
Bands: All, except WARC
Classes: Single Op - fixed, mobile or rookie - QRP, low or high; Multi-Op - fixed or mobile - QRP, low or high; Multi/Multi - fixed or mobile - QRP, low or high
Max power: HP: >150 watts; LP: 150 watts; QRP: 5 watts
Exchange: WI: county; non-WI: state, province or country
Work stations: Once per band per mode; Bonus Points: 500 points for mobiles for each county from which you make at least 12 QSOs; 100 points for each band/mode QSO with W9FK
Multipliers: WI Stations: WI counties, states, provinces once
Non-WI Stations: WI counties once
Power mults: HP x 1,0, LP x 1,5, QRP x 2,0

Next Week's Contests

QRP Fox Hunt, 01:00 - 02:30 UTC 15 March
Phone Fray, 02:30 - 03:00 UTC 15 March
CWops Mini-CWT Test, 13:00 - 14:00 UTC, 19:00 - 20:00 UTC 15 March and 03:00 - 04:00 UTC 16 March
RSGB 80 m Club Championship, CW, 20:00 - 21:30 UTC 15 March
NAQCC CW Sprint, 00:30 - 02:30 UTC 16 March
QRP Fox Hunt, 01:00 - 02:30 UTC 17 March
NCCC RTTY Sprint, 01:45 - 02:15 UTC 17 March
NCCC Sprint, 02:30 - 03:00 UTC 17 March
BARTG HF RTTY Contest, 02:00 UTC 18 March to 02:00 UTC 20 March

Score Calculation: Total score = (total QSO points x power mult x total mults) and bonus points

Submit logs by: 27 March 2017

E-mail logs to: wicq-logs@warac.org

Mail logs to: Wisconsin QSO Party, West Allis Radio Amateur Club, P O Box 1072, Milwaukee, WI 53201, USA

Find rules at: <http://www.warac.org/wqp/wqp.htm>

WAB 3,5 MHz Phone

18:00 - 22:00 UTC 12 March

Geographic Focus: Worldwide

Participation: Worldwide

Awards: Worldwide

Mode: SSB

Bands: 80 m Only

Classes: Single Op - fixed, mobile or portable; Multi-Op - fixed, mobile or portable; Low Power; SWL - fixed, mobile or portable

Max power: non-Low: >10 watts; Low: 10 watts

Exchange: British Isles: RS, serial no and WAB square; Other: RS, serial no and country

QSO Points: (see rules)

Multipliers: (see rules)

Score Calculation: Total score = total QSO points x total mults

Submit logs by: 2 April 2017

E-mail logs to: g3xkt@worked-all-britain.org.uk

Mail logs to: Tony Beardsley, G3XKT, 14 York Avenue, Sandiacre, Nottingham NG10 5HB, United Kingdom

Russian DX Contest, 12:00 UTC 18 March to 12:00 UTC 19 March

Louisiana QSO Party, 14:00 UTC 18 March to 02:00 UTC 19 March

Virginia QSO Party, 14:00 UTC 18 March to 02:00 UTC 19 March and 12:00 - 24:00 UTC 19 March

Feld Hell Sprint, 20:00 - 21:59 UTC 18 March

UBA Spring Contest, SSB, 07:00 - 11:00 UTC 19 March

Run for the Bacon QRP Contest, 02:00 - 04:00 UTC 20 March

Bucharest Contest, 18:00 - 20:59 UTC 20 March

CLARA Chatter Party, 17:00 UTC 21 March to 17:00 UTC 22 March and 17:00 UTC 25 March to 17:00 UTC 26 March



HF Happenings

Items used with acknowledgement to the ARRL Letter, the ARRL DX News, the ARRL Contest Update, OPDX Bulletin, 425 DX Bulletin, DXNL Newsletter, WIA-News, the RSGB News, DxCoffee, Southgate ARC News, DX World and the Amateur Radio Newsletter